



TRI-BAND CEILING MOUNT OMNIDIRECTIONAL ANTENNA

The Laird SL8025WP is a tri-band, linearly polarized 3 dBi omnidirectional panel antenna. It is designed to provide pattern coverage that is optimized for indoor coverage requirements at 806-960, 1710-2170, and 2400-2500 MHz, for the GSM, DCS, and UMTS frequency bands. The antenna features a pattern that has been specifically shaped to provide optimal performance from a ceiling mount location. The pattern is also very uniform and symmetrical, providing systems integrators with the ability to precisely determine cell size, a major benefit in trying to determine cell density and cell overlap for in-building systems.

The antenna's low-profile (6" x 6" x 1.25") radome features both a very small footprint and a slim silhouette and is perfect for office and retail spaces where a premium is placed on being aesthetically complimentary and unobtrusive to the existing environment. The standard antenna comes with an integrated 36" plenum rated coax pigtail and N male connector.

FEATURES

- 806-960, 1710-2170, and 2400-2500 MHz for the GSM, DCS, and UMTS frequency bands
- Low-profile radome
- Integrated N male connector
- Integrated 36" plenum rated coax pigtail
- Design allows for implementation of alternative coax lengths/types and connector types

MARKETS

- Corporate offices
- Shopping centers
- Transportation centers

PARAMETER	
Frequency range	860 - 960, 1710-2170, 2400-2500 MHz
Gain	3 dBi (nominal)
E-plane beamwidth	55°/50°/60°
H-plane beamwidth	Omnidirectional
Polarization	Linear
Weight (antenna only)	.75 lbs (.34 kg)
VSWR	2:1
Mounting style	Ceiling mount
Dimensions	6" x 6" x 1.25"
Pigtail	36"
Enclosure	ABS
Power	10 watts
RF connections	N (m)

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